

### **Abstract of the Disclosure**

A method in a computer system for detecting myocardial infarction including the steps of (a) receiving ECG data, (b) analyzing that data for the presence of benign ST data, and (c), when the ST data is not benign, (1) establishing a pathological threshold, (2) normalizing any deviation in the ECG data, (3) applying a pattern analysis to the normalized ECG data, and (4) generating a score indicating the presence of a myocardial infarction based on the pattern analysis and the threshold.